



# FEMA



Prepared by  
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# FEMA Region 6 Weather Threat Briefing

Wednesday, May 15, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- Isolated strong to severe thunderstorms possible in **NE AR**. Damaging winds and large hail are the primary threats.

## Thursday

- No significant weather expected.

## Friday - Sunday

- Severe storms expected Friday night from the **E Panhandles, W OK** into **W TX**; large hail and a few tornadoes are possible.
- Severe storms and heavy rainfall/flash flooding possible Saturday over much of **OK** and **TX**.
- Severe storms and some heavy rain may continue over **AR** and **LA** on Sunday.

## Major River Flooding or Known Evacuations

- Major flooding continues on the **MS River** at **Baton Rouge, LA**.
- The **Upper Sabine River** in **NE TX**, the **Calcasieu River**, the **Ouachita River** in **N LA** and the **Trinity River** at **Liberty** have reached major flood stage. Some homes possibly flooded near **Liberty**.

# FEMA Region 6 Threat Matrix

May 15, 2019 – May 19, 2019



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	AR		TX/OK	OK, TX	AR
Heavy Rain / Flash Flooding				OK, TX	AR, LA
Winter Weather					
Fire Weather					
River Flooding	TX, LA	TX, LA	TX, LA	TX/LA	TX/LA
	AR	AR	AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status



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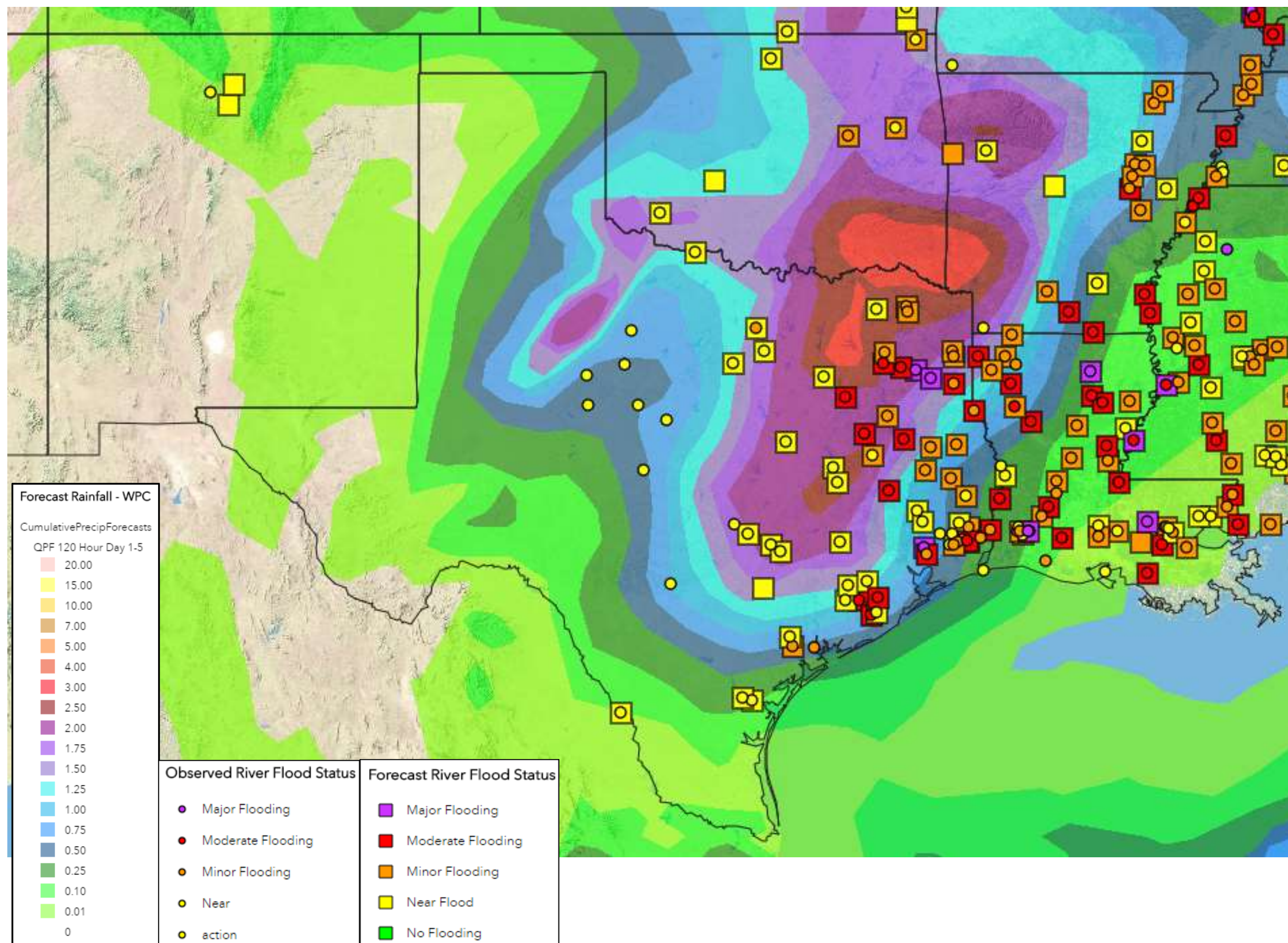
*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*

**Points along the MS River in AR and LA remain at moderate/major flood stage.**

- **Osceola (AR) will remain at moderate flood stage through the middle of next week with many roads under water.**
- **Arkansas City will crest later this week and remain in moderate flood through next week.**
- **At Red River Landing (LA), camps and roads will be flooded, and Angola Landing is flooded, closing the ferry.**
  - **Near Baton Rouge, major flooding will continue with mostly navigational impacts.**

**The USACE has re-opened the Bonnet Carre Floodway to reduce water levels at New Orleans & will remain open until further notice.**

**Minor to moderate river flooding is occurring across E TX, AR, OK, and LA. Impacts remain mostly to agriculture, roads and lowlands. The Upper Sabine River in NE TX, the Calcasieu River, the Ouachita River in N LA and the Trinity River at Liberty have reached major flood stage. Impacts to some residences are possible.**





# Today's Weather

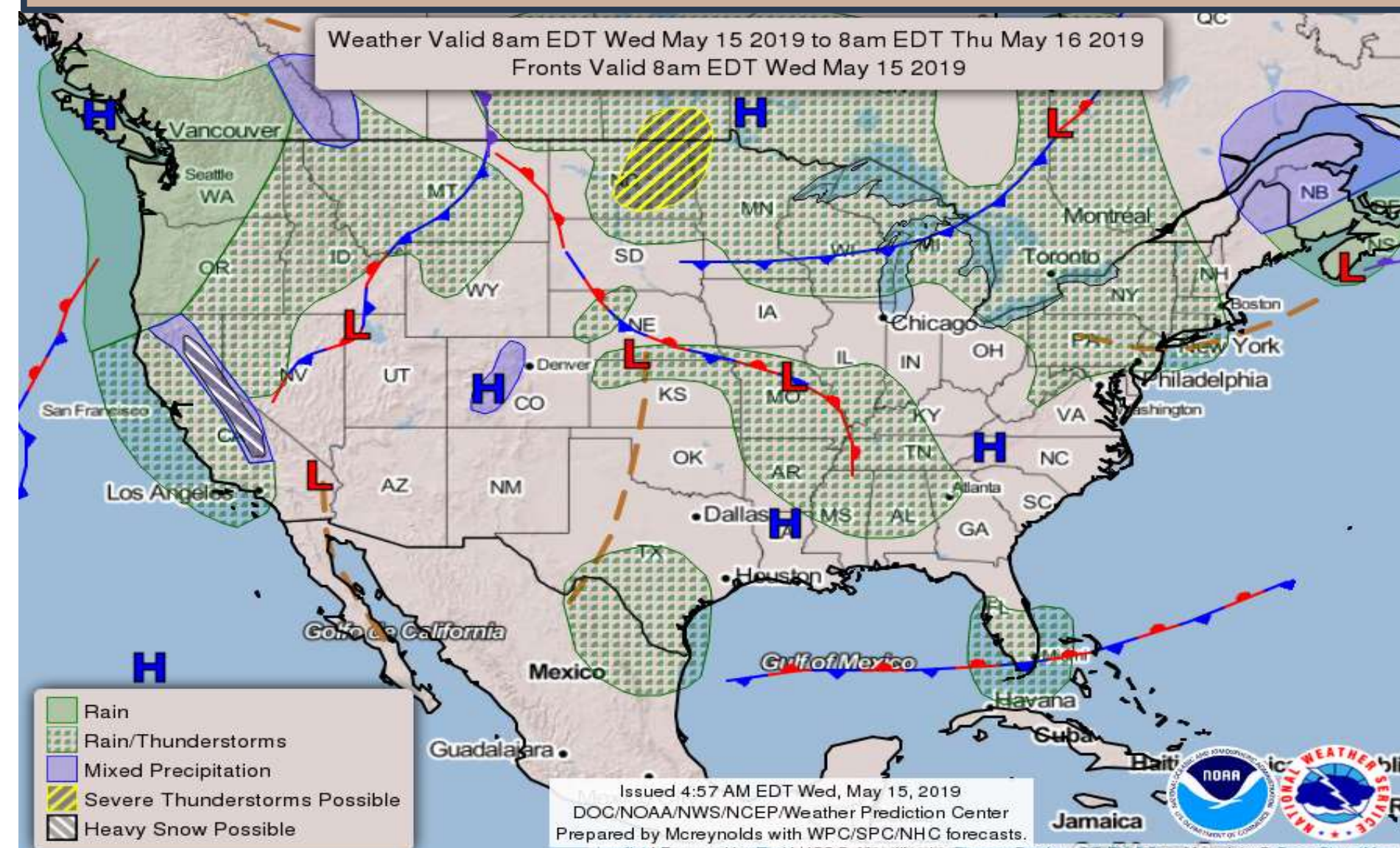


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## Forecast Chart

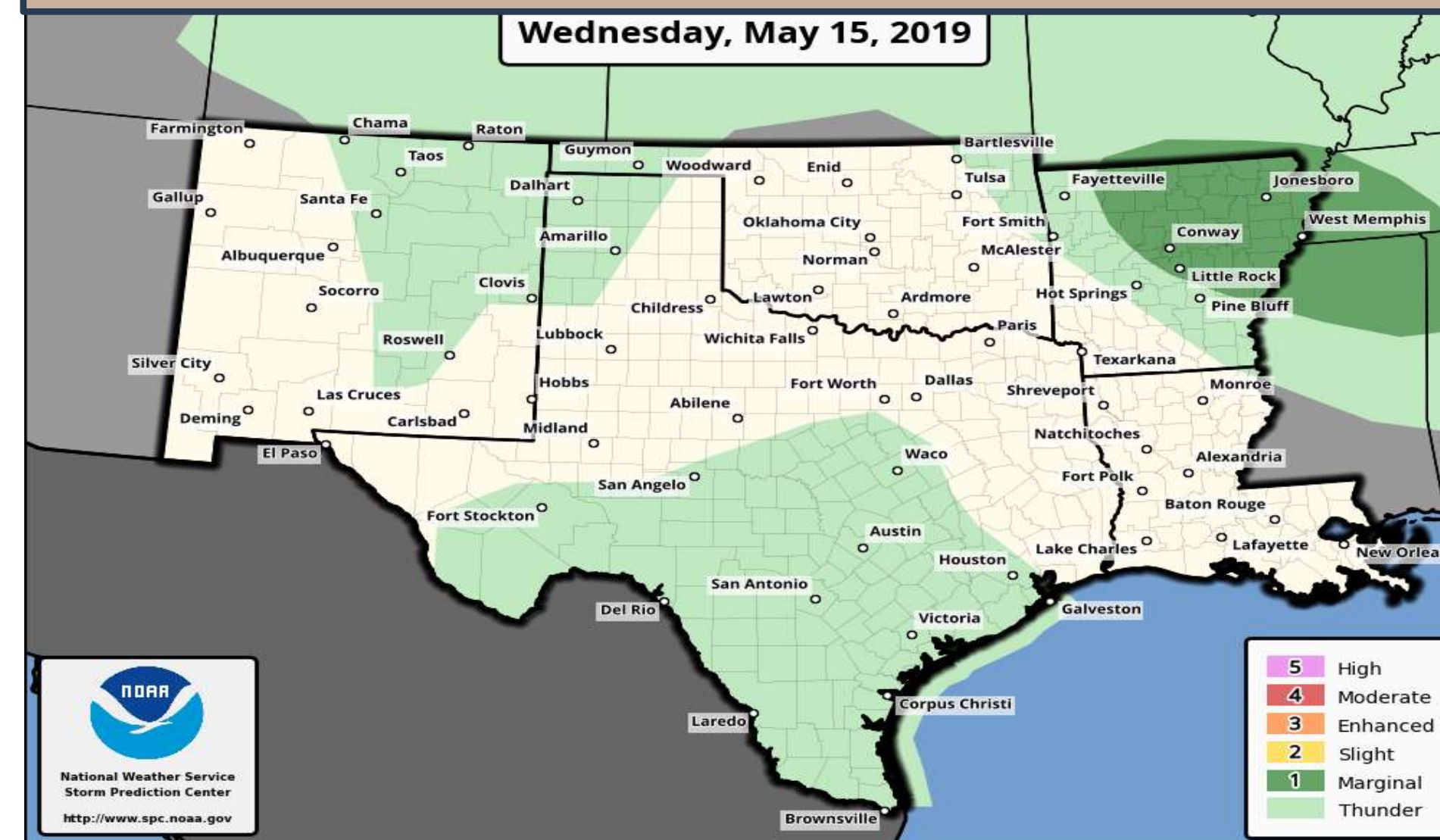
## Forecast Rainfall

Isolated strong to severe thunderstorms possible in NE AR. Damaging winds and large hail are the primary threats.



## Severe Weather Outlook

## Excessive Rainfall Outlook



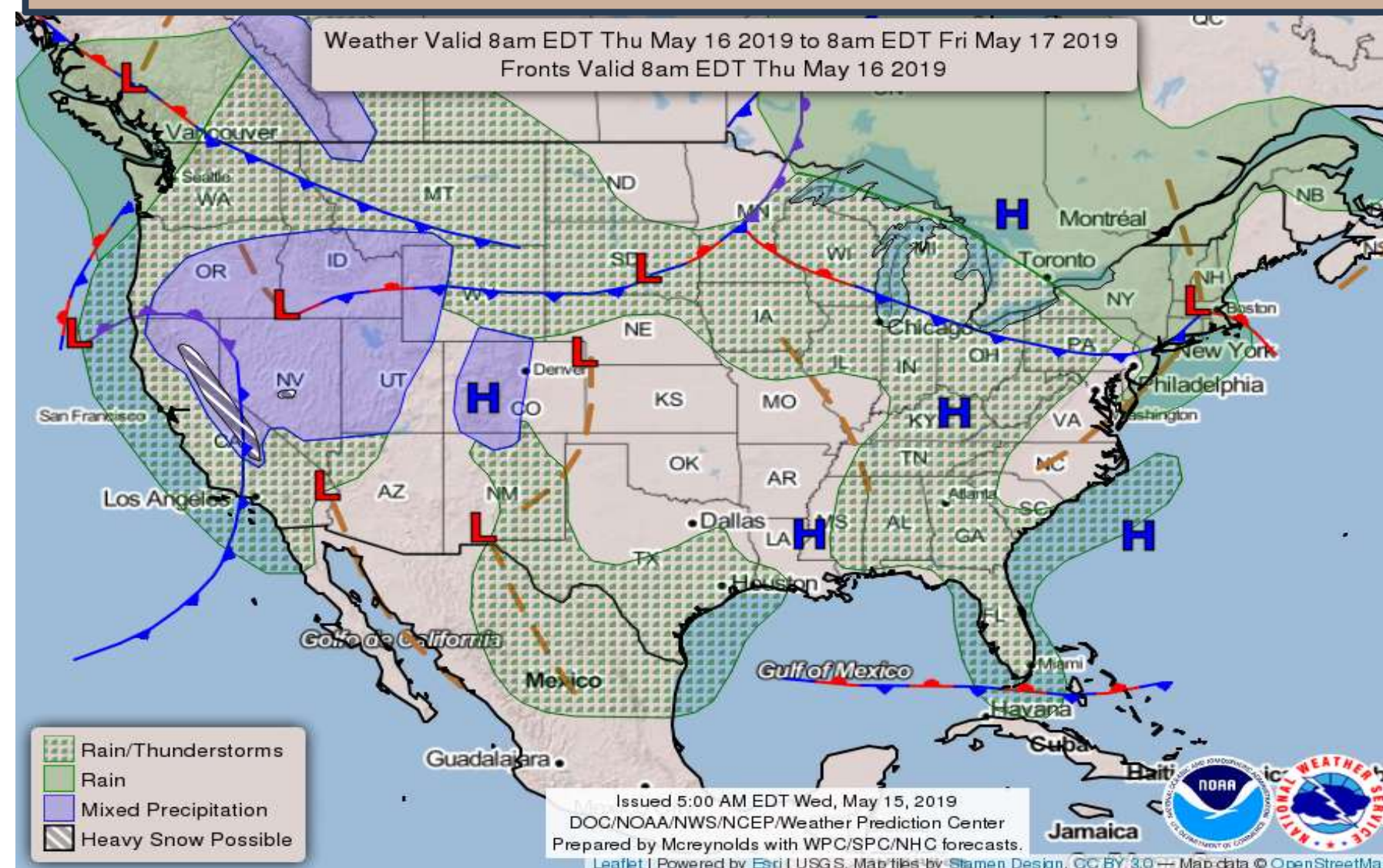


# Tomorrow's Weather

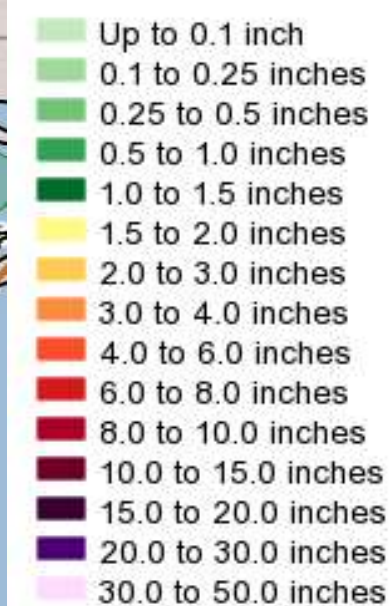


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## Forecast Chart

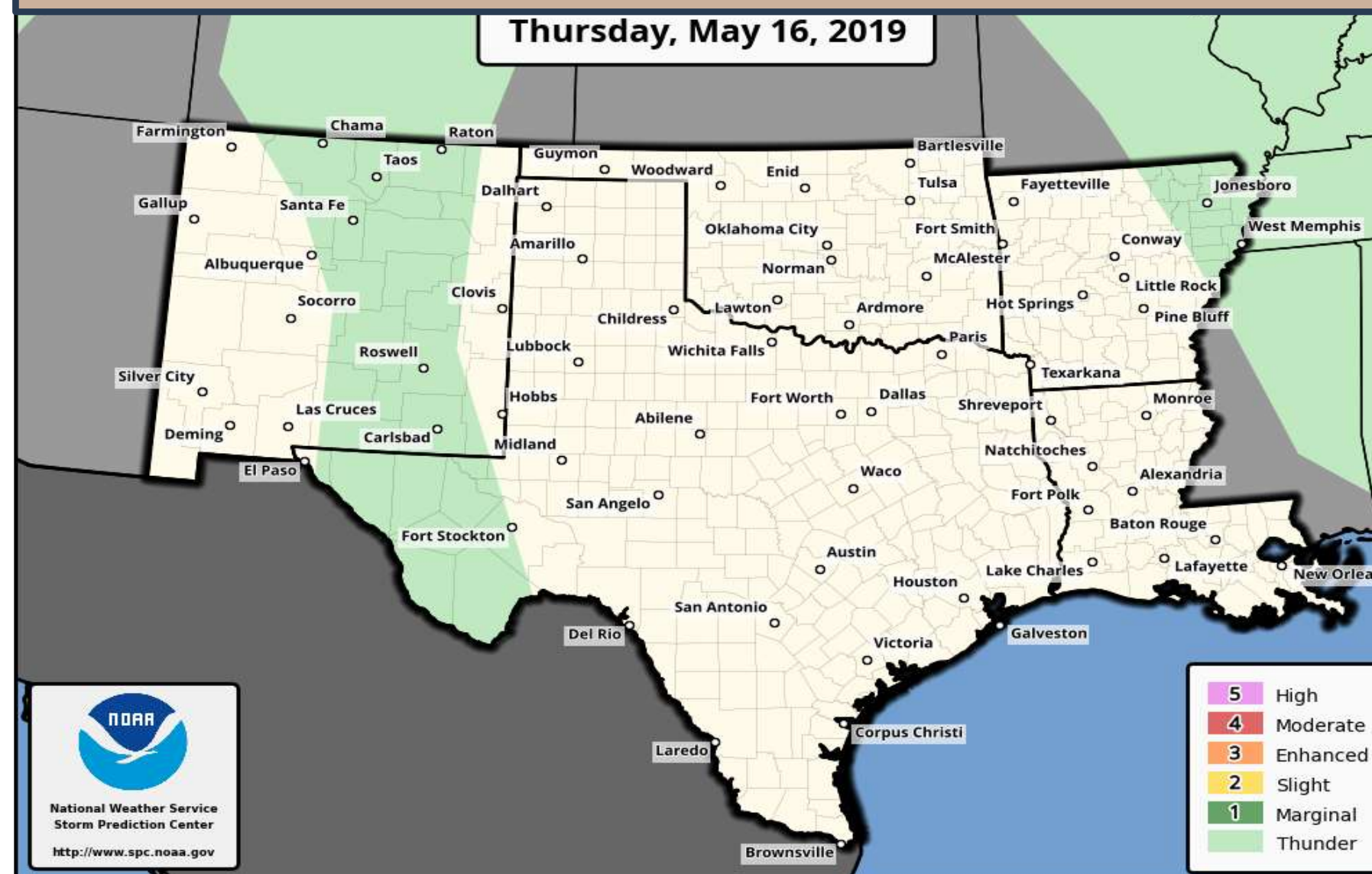


## Forecast Rainfall



No significant weather impacts expected.

## Severe Weather Outlook



## Excessive Rainfall Outlook





# Friday's Weather

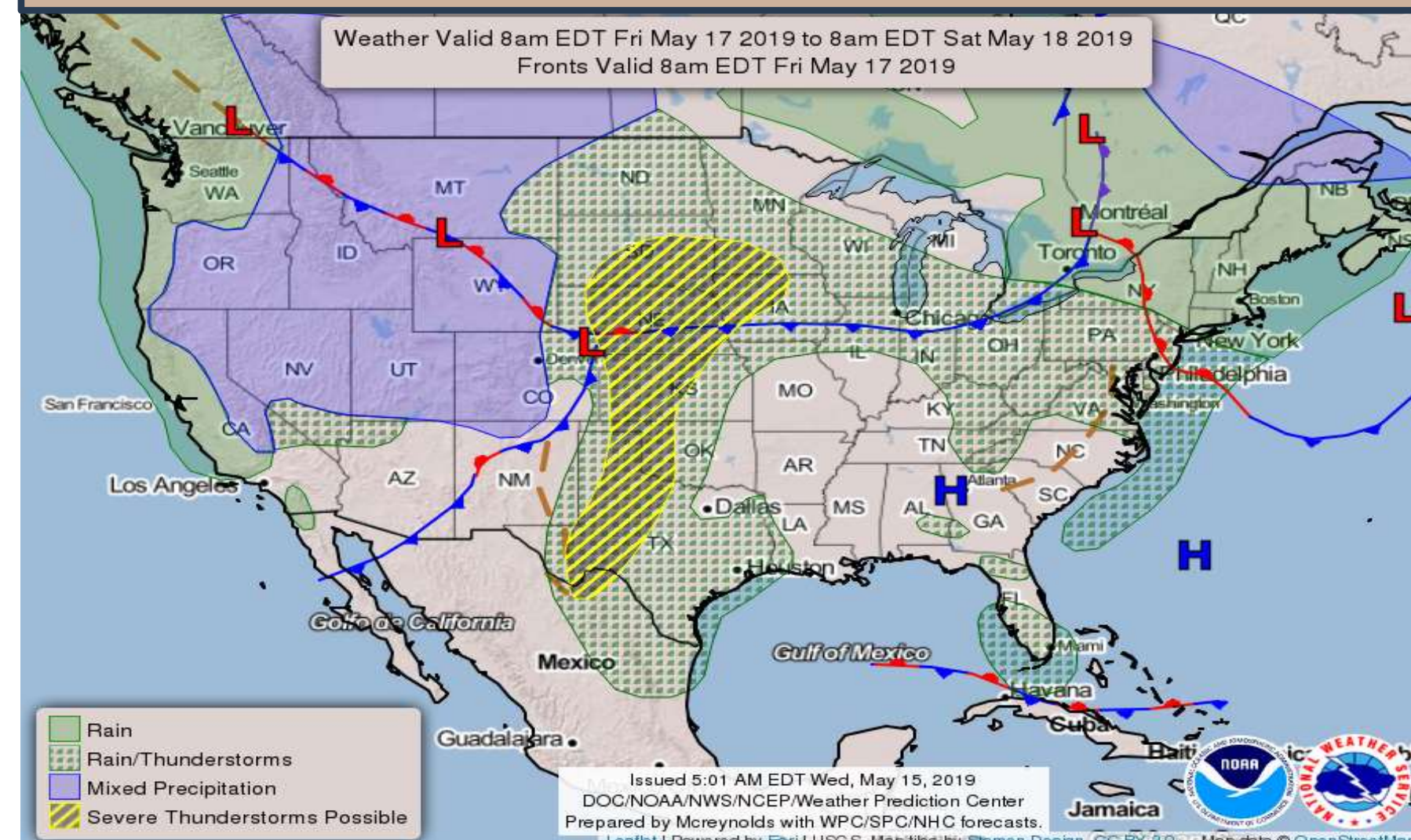


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## Forecast Chart

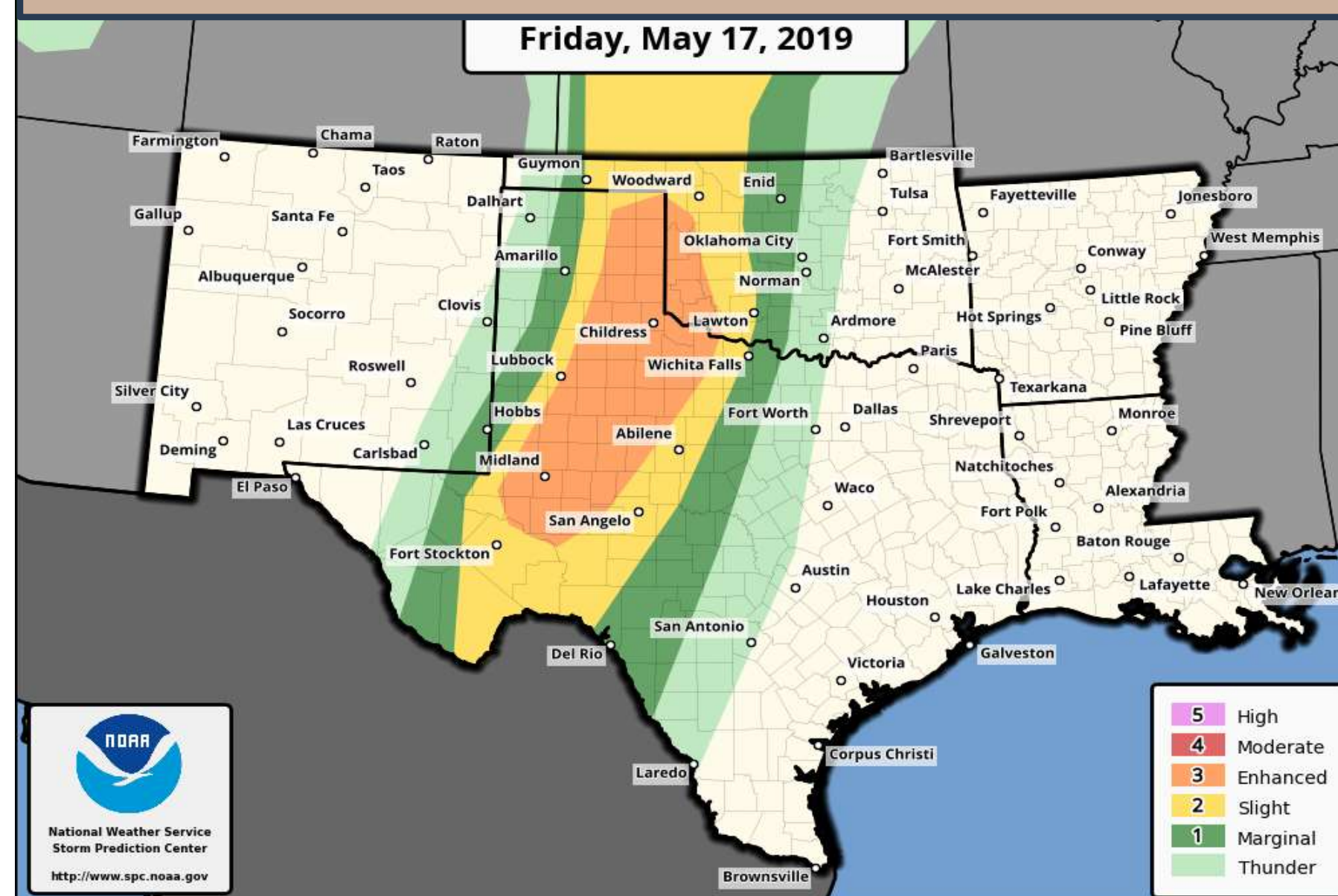
## Forecast Rainfall

**Severe storms expected Friday night from the E Panhandles, W OK into W TX; large hail and a few tornadoes are possible.**



## Severe Weather Outlook

## Excessive Rainfall Outlook



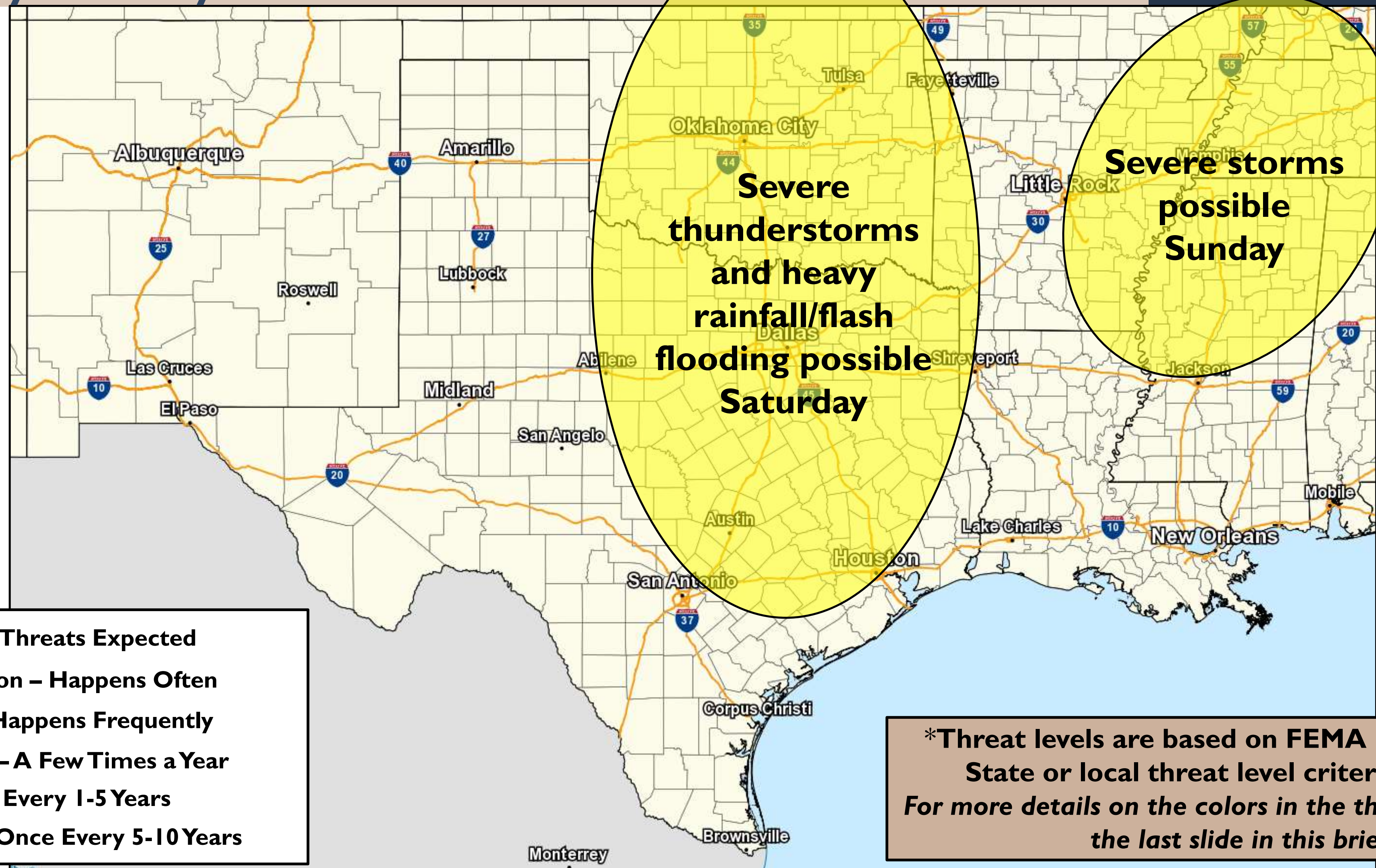


# Days 4-5 Weather Hazards

Saturday - Sunday



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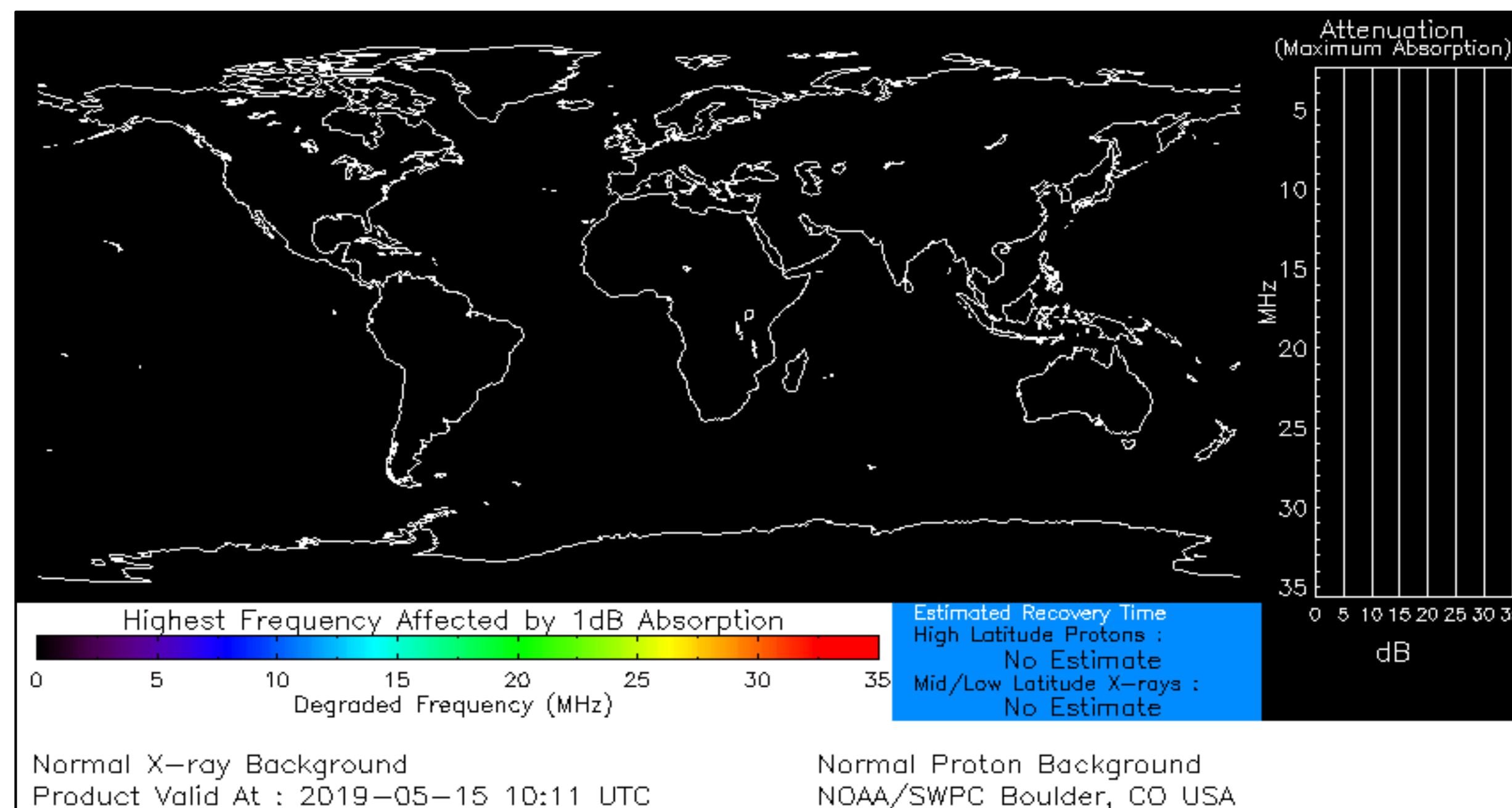


# Space Weather 3-Day Forecast



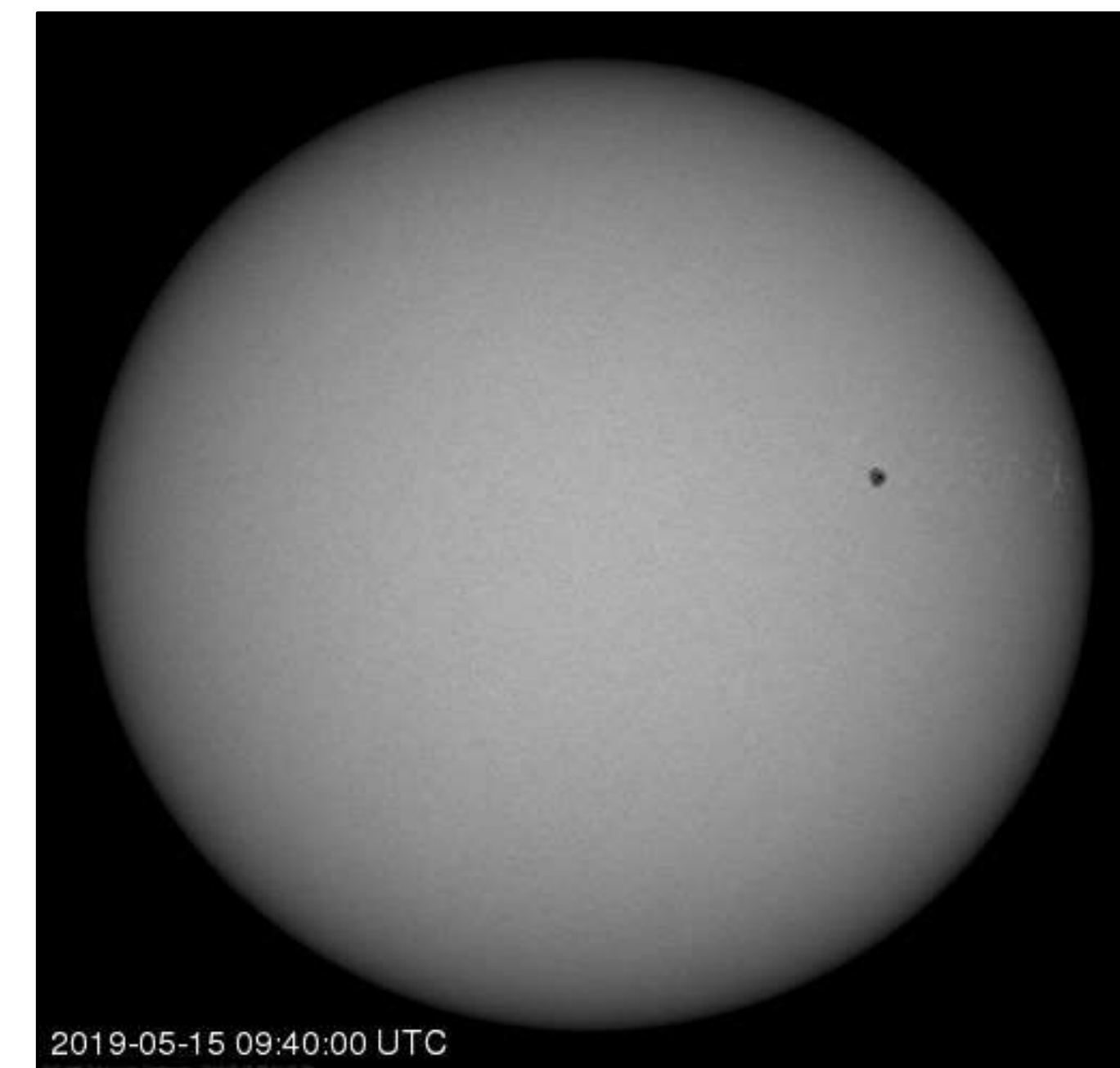
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Minor (G1) Storm (Max Kp = 5)	Unsettled (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

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E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"><li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li><li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li></ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"><li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li><li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li></ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"><li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li><li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li><li>Some large fires reported, burn bans advertised, critical conditions expected</li></ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"><li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li><li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li><li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li></ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"><li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li><li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li></ul>

Criteria for the color codes in this briefing is to the left, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).